IRDR Data Project:

Summary of Activities

January-June 2015

Project Members:

Bob Chen, CIESIN (Columbia University)

Regina Below, CRED (University of Louvain)

Lucia Bevere, Sigma (SwissRe)

Daniele Ehrlich, EU Joint Research Centre

Jan Eichner, NatCatService (MunichRe)

Julio Serje, DesInventar (UNISDR)

Adam Smith, NCDC/NOAA

Wei-Sen Li, National S&T Center for Disaster Reduction

Maria Patek, Austrian Government

Sisi Zlatanova, Delft University

Frederic Zanetta, IFRC

Ricardo Zapata Marti, Eclac Cepal

Francis Ghesquiere, World Bank

Kamal Kishore, UNDP, Switzerland

Co-Chairs:

Susan L. Cutter,

University South Carolina

Daniele Ehrlich,

EU Joint Research Centre

Sisi Zlatanova,

Delft University

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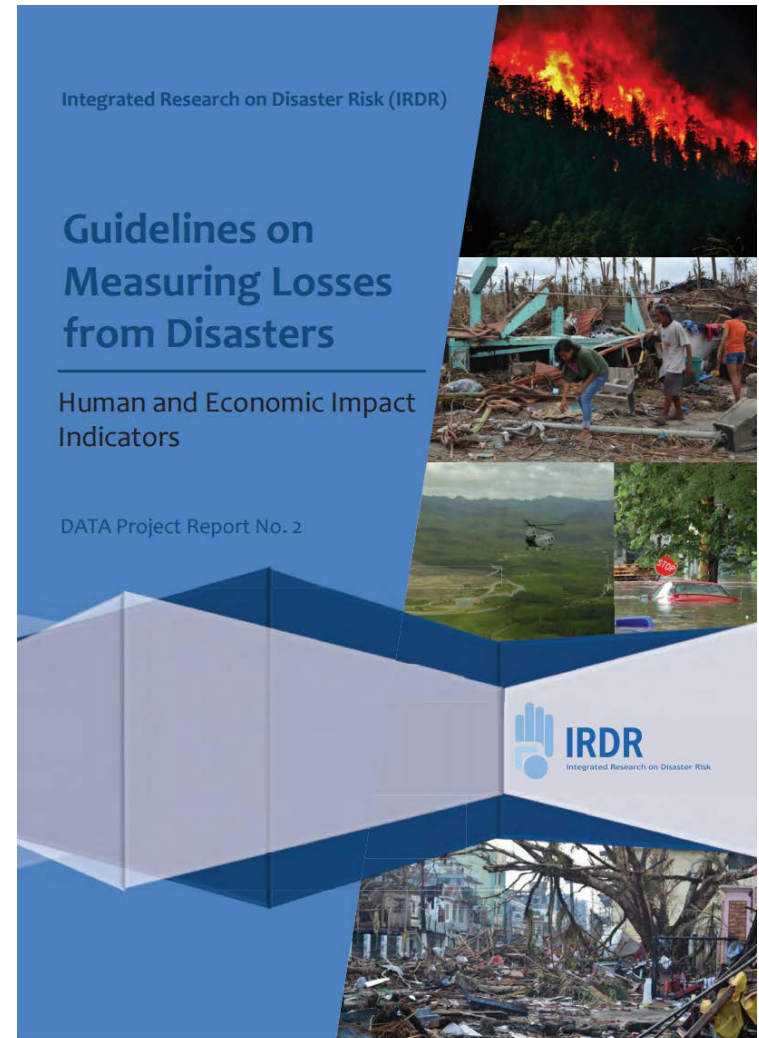
Project Goals

DATA is about improving the infrastructure of loss data globally and locally

- Identify quality of existing data and data needs for improving integrated disaster risk management
- Bring together loss data stakeholders to identify common issues and develop synergies
- Develop standards/protocols to minimize data uncertainty
- Define "losses" and create transparent methodologies for assessing them
- Advocate for loss data at sub-national geographies
- Educate users on database biases and data interpretation

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Accomplishments

1. Human Factors Report

- Published March 2015

- Presentation S.L. Cutter and D. Ehrlich, "The natural hazard loss datascape," World Congress on Disaster Risk Reduction, Side Event session, Integrated Research on Disaster Risk: The Role of Science in Disaster Risk Reduction, Sendai, Japan, March 15, 2015.

Integrated Research on Disaster Risk (IRDR)

Guidelines on Measuring Losses from Disasters

Human and Economic Impact Indicators

DATA Project Report No. 2

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2. Peril Classification

- Still receiving feedback and edits
- Implementation across databases ongoing—DesInventar already using, SHELDUS in progress

3. WG Communications

- Implemented a password protected ftp site for exchange of documents and archiving of materials

4. WG Meeting in Delft (February 2015)

- Finalize human impacts document
- Developed strategic plan for next steps especially consultations and membership coverage
- Discussed WG financing for meetings and projects

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Consultations and Outcomes

- Participate as members of Linked Open Date for Global Disaster Risk Research (LODGD) of the CODATA Task Group
- Met with GFDRR/World Bank (in Sendai) on data repositories
- Member of UNESCAP working group and met in Sendai
  - UNESCAP will use peril classification and hazard glossary document with Indonesia taking the lead
  - Will review and evaluate human impacts document
- European Union Loss Data working group (March 30-31 in Ispra, Italy)
  - Reviewed human impacts document and they will consider adding population exposed indicator for inclusion in EU reporting
  - Will ask members to report on the list of perils based on the IRDR classification and hazard glossary
- Meet with Open Geospatial Consortium (OGC) in June 2015 (Boulder, CO)
  - to assess interest in peril classification and human impacts and movement toward

Investigating potential connections with new Global Centre for Disaster Statistics (UNDP, International Research Institute of Disaster Science, Tohoku University)

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Next Steps

➢ Revise and revise peril classification

➢ Review implementation of peril classification across existing databases

➢ Revise and clarify human impact indicators especially "affected populations", and the economic indicators

➢ Guidance on establishing national loss databases

Request to IRDR/SC

❖ Funding for a meeting to discuss and work on the above steps (Munich or Vienna)~US$15,000

❖ Add member with economic expertise to the WG

❖ Request from IRDR-Japan to add Prof. Kawasaki (Data Integrated Analysis System, DIAS)

Thank you!